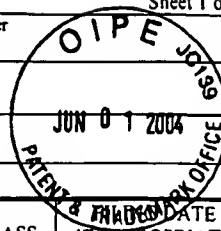


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09/998,944Applicant  
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2877
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
SAT	EA	DE 33 05 104 A1	16 Aug 84	German				X
↑	EB	FR 2 535 463A	18 May 84	France				
	EC	DE 36 15 305 A1	12 Nov. 87	German				X
	ED	DE 37 42 201 A1	22 June 89	Germany	X			
	EE	EP 0 551 874 A2	21 Jul 93	EPO	X			X
	EF	EP 0 586 242 A1	9 Mar. 94	EPO	X			
	EG	JP 07209398	11 Aug 95	Japan				
	EH	EP 0 686 867 A1	13 Dec 95	European Patent Application				
	EI	EP 0 722 081 A2	17 July 96	European Patent Application				
	EJ	EP 856 737 A1	5 Aug. 98	EPO				
	EK	EP 0 871 009 A1	14 Oct. 98	EPO				
	EL	EP 0 872 756 A1	21 Oct. 98	European Patent Application				
	EM	WO98/58268 A	23 Dec 98	PCT (corresponds to 6,023,331)				
	EN	WO00/36425	22 June 00	PCT				
SAT	EO	WO00/31551	2 June 00	PCT				

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

SAT	FA	Alekseev et al; "Fiber Optic Gyroscope With Suppression of Excess Noise From the Radiation Source ", Technical Physical Letters , 24(9): 719-721, (September 1998)
SAT	FB	Blake et al., "In-Line Sagnac Interferometer Current Sensor," IEEE, pp. 116-121 (1995).

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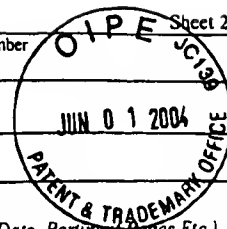
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↑	FD	Bohnert. et al., "Field Test of Interferometric Optical Fiber High-Voltage and Current Sensors" <i>SPIE</i> , Vol. 2360 pp. 16-19 (Feb. 1994).
	FE	Bohnert. et al., "Temperature and Vibration Insensitive Fiber-Optic Current Sensor" <i>ABB</i> , Vol. 2360 pp 336-339 (Feb. 1994).
	FF	Burns, et al., "Excess Noise in Fiber Gyroscope Sources", <i>IEEE Photonics Technology Letter</i> , Vol 2, No. 8, August 1990, pp. 606-608.
	FG	Clark et al., "Application of a PLL and ALL Noise Reduction Process in Optical Sensing System," <i>IEEE Transactions on Industrial Electronics</i> , Vol. 44, No. 1, February 1997, pp. 136-138
	FH	Dagenais et al., "Low-Frequency Intensity Noise Reduction for Fiber-Optic Sensor Applications," <i>Optical Fiber Sensors Conference</i> , 1992, January 29-31, pp. 177-180
	FI	Dupraz, J.P., "Fiber-Optic Interferometers for Current Measurement: Principles and Technology", Alsthom Review No. 9: 29-44 (December 1987).
	FJ	Frosio, G. and Dändliker, "Reciprocal Reflection Interferometer for a Fiber-Optic Faraday Current Sensor", <i>Applied Optics</i> 33 (25): 6111-6122 (September 1, 1994).
	FK	Gronau Yuval et al., "Digital Signal Processing For An Open-Loop Fiber-Optic Gyroscope", <i>Applied Optics</i> , Optical Society of America, Washington, U.S., vol. 34, no. 25, 1 September 1995, pgs. 5849-5853
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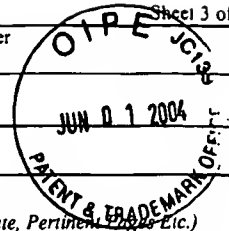
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↑	FS	Ono et al.; "A Small -Sized, Compact, Open-loop Fibre-Optic Gyroscope with Stabilized Scale Factor", <i>Meas. Sci. Technol.</i> 1: 1078-1083, (1990)
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SAT	FV	Short, S. et al., "Elimination of Birefringence Induced Scale Factor Errors in the In-Line Sagnac Interferometer Current Sensor", <i>Journal of Lightwave Technology</i> 16 (10): 1844-1850 (October 1998).
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SAT	AAA	4,571,650	2/18/86	Ojima et al.		
↑	AAB	4,603,931	08/05/86	Ruffman		
	AAC	4,615,582	10/07/86	Lefevre et al.		
	AAD	4,630,229	12/16/86	D'Hondt		
	AAE	4,630,890	12/23/86	Ashkin et al.		
	AAF	4,637,722	1/20/87	Kim		
	AAG	4,668,264	05/26/87	Dyott		
	AAH	4,669,814	06/02/87	Dyott		
	AAI	4,697,876	10/06/87	Dyott		
	AAJ	4,705,399	11/10/87	Graindorge et al.		
	AAK	4,712,866	12/15/87	Dyott		
	AAL	4,733,938	03/29/88	Lefevre et al.		
↓	AAM	4,740,085	04/26/88	Lim		
SAT	AAN	4,755,021	07/05/88	Dyott		

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SAT	EA	DE 33 05 104 A1	16 Aug 84	German			X
SAT	EB	FR 2 535 463A	18 May 84	France			
SAT	EC	DE 36 15 305 A1	12 Nov. 87	German			X
SAT	ED	DE 37 42 201 A1	22 June 89	Germany	X		
SAT	EE	EP 0 551 874 A2	21 Jul 93	EPO	X		X
SAT	EF	EP 0 586 242 A1	9 Mar. 94	EPO	X		

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SAT	AAO	4,756,589	01/15/86	Bricheno et al.		
	AAP	4,765,739	08/23/88	Koizumi et al.		
	AAQ	4,776,700	10/11/88	Frigo		
	AAR	4,796,993	01/10/89	Sonobe et al.		
	AAS	4,815,817	03/28/89	Levinson		
	AAT	4,842,409	06/27/89	Arditty et al.		
	AAU	4,848,910	07/18/89	Dupraz		
	AAV	4,883,358	11/28/89	Okada		
	AAW	4,887,900	12/19/89	Hall		
	AAX	4,943,132	07/24/90	Huang		
	AAY	5,033,854	07/23/91	Matthews et al.		
SAT	AAZ	5,048,962	09/17/91	Kurokawa et al.		

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						YES	NO
SAT	EG	JP 07209398	11 Aug 95	Japan		English Abstract	
	EH	EP 0 686 867 A1	13 Dec 95	European Patent Application			X
	EI	EP 0 722 081 A2	17 July 96	European Patent Application			
	EJ	EP 856 737 A1	5 Aug 98	EPO			
	EK	EP 0 871 009 A1	14 Oct. 98	EPO			
	EL	EP 0 872 756 A1	21 Oct. 98	European Patent Application			
	EM	WO98/58268 A	23 Dec 98	PCT (corresponds to 6,023,331)			
	EN	WO00/36425	22 June 00	PCT			
SAT	EO	WO00/31551	2 June 00	PCT			

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SPT	BA	5,056,919	10/15/91	Arditty et al.		
	BB	5,063,290	11/05/91	Kersey		
	BC	5,074,665	12/24/91	Huang et al.		
	BD	5,080,489	01/14/92	Nishikawa et al.		
	BE	5,096,312	03/17/92	Huang		
	BF	5,106,193	04/21/92	Fesler et al.		
	BG	5,133,600	07/28/92	Schröder		
	BH	5,135,555	08/04/92	Coyle, Jr. et al.		
	BI	5,136,235	08/04/92	Brandle et al.		
	BJ	5,289,257	02/22/94	Kurokawa et al.		
	BK	5,289,258	02/22/94	Szafraniec, et al.		
	BL	5,331,404	07/19/94	Moeller et al.		
	BM	5,351,123	09/27/94	Spahlinger		
	BN	5,359,413	10/25/94	Chang et al.		
	BO	5,365,338	11/15/94	Bramson		
	BP	5,406,370	04/11/95	Huang et al.		
	BQ	5,412,471	05/02/95	Tada et al.		
	BR	5,457,532	10/17/95	August et al.		
	BS	5,459,575	10/17/95	Malvern		
	BT	5,469,257	11/21/95	Blake et al.		
	BU	5,469,267	11/21/95	Wang		
SPT	BV	5,471,301	11/28/95	Kumagai et al.		

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SPT	FC	Blake and Szafraniec, "Random Noise in PM and Depolarized Fiber Gyros", OSA Symposium Proceedings, 1997, OWB2, pp. 122-125.
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SAT	BW	5,475,772	12/12/95	Hung et al.		
↑	BX	5,493,396	02/20/96	Sewell		
	BY	5,500,909	03/19/96	Meier		
	BZ	5,504,684	04/02/96	Lau et al.		
	CA	5,513,003	04/30/96	Morgan.		
	CB	5,552,887	09/03/96	Dyott		
	CC	5,559,908	09/24/96	August, et al.		
	CD	5,602,642	02/11/97	Bergh et al.		
	CE	5,644,397	07/01/97	Blake		
	CF	5,654,906	08/05/97	Youngquist		
	CG	5,655,035	08/05/97	Burmenko		
	CH	5,682,241	10/28/97	Mark et al.		
	CI	5,696,858	12/09/97	Blake.		
	CJ	5,701,177	12/23/97	Kumagai et al.		
	CK	5,701,376	12/23/97	Shirasaki		
	CL	5,767,509	06/16/98	Cardova et al.		
	CM	5,781,675	07/14/98	Tseng et al.		
	CN	5,854,864	12/29/98	Knoesen et al.		
	CO	5,898,496	04/27/99	Huang et al.		
↓	CP	5,946,097	08/31/99	Sanders et al.		
SAT	CQ	5,953,121	09/14/99	Bohnert et al.		

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SAT	FD	Bohnert. et al., "Field Test of Interferometric Optical Fiber High-Voltage and Current Sensors" <i>SPIE</i> , Vol. 2360 pp. 16-19 (Feb. 1994).	
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SAT	CR	5,987,195	11/16/99	Blake		
	CS	6,023,331	02/08/00	Blake et al.		
	CT	6,025,915	02/15/00	Michal, et al.		
	CU	6,047,095	04/04/00	Knoesen et al.		
	CV	6,075,915	6/13/00	Koops et al.		
	CW	6,148,131	11/14/00	Geertman		
	CX	6,163,632	12/19/00	Rickman et al.		
	CY	6,185,033	02/06/01	Bosc et al.		
	CZ	6,188,811	02/13/01	Blake		
	DA	6,208,775	03/27/01	Dyott		
	DB	6,233,371	05/15/01	Kim et al.		
	DC	6,301,400	10/09/01	Sanders		
	DD	6,307,632	10/23/01	Blake		
	DE	6,351,310	02/26/02	Ernge et al.		
	DF	6,356,351	03/12/02	Blake		
	DG	6,370,289	04/09/02	Bennett		
	DH	6,389,185	01/08/02	Meise et al.		
	DI	6,396,965	11/22/00	Anderson		
	DJ	6,434,285	08/13/02	Blake et al.		
SAT	DK	6,535,654	03/18/03	Goettsche et al.		

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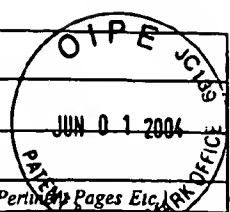
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